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23 December 64

MEMORANDUM FOR THE RECORD

SUBJECT: IDEALIST - Malfitting Partial

Pressure Suits

1. During the past two months an excessive number of complaints have been received regarding improper fit of subject suits. The suit manufacturer was visited on 17 December 1964 and on 21 December 1964 a meeting was held with the following OSA personnel:

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Determinations made as a result of the meeting were:

Present Procedure

- a. David Clark representative sent to Davis Monthan to take required body measurements.
- b. Suit fabricated and returned to Davis Monthan.
- c. Altitude chamber run at Carswell AFB, Texas with subject wearing suit. If alterations required suit returned to D. Clark Co. with instructions. Suit accepted.
- d. Second suit fabricated from established patterns. Usually this suit is finished after the pilot has left the United States and it is forwarded to him.

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Faults of Present Procedure

- a. After initial body measurements the pilot is never seen again by anyone from David Clark.
- The pilot has no opportunity for an altitude chamber run with his second suit.

Recommended Procedure

- a. David Clark representative be sent at earliest possible date to Davis Monthan to take body measurements.
- b. Two suits built simultaneously by D. Clark.
- c. Pilot sent to D. Clark for final fit on both suits.
- d. Altitude indoctrination with both suits at Carswell AFB.

Follow-on Procedure

Pilots required to wear suits alternately on missions; thereby ensuing an acceptable back-up suit at all times.

Appropriate security measures must be followed during pilot visit to D. Clark Co. Identification of

the pilots will only be revealed to D. Clark people who have an absolute need to know.

Presently there are five pilots undergoing training at Davis Monthan. Every effort will be made to implement the above procedure for them.

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mvp (23 Dec 64) ASD/OSA

Dist:

Cys 1&2 - ASD/OSA

3 - AD/OSA

4 - D/TECH/OSA

5 - D/FA/OSA

6 - SS/OSA

7 - CD/OSA

8 - PB/OSA

9 - MD/OSA

10 - IDEA/OSA

11 - Chrono

12 - RB/OSA